20040807.ba v03_n686.bam.20040807

>From ???@??? Sat Aug 7 20:56:27 2004 +0000
Message-Id: <200408080156.i781uAmB025664@sco.theporch.com>
Date: Sat, 7 Aug 2004 20:55:43 CDT
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3686

BOATANCHORS Digest 3686

Topics covered in this issue include:

  1) Re: R-390-non a
     by "Arden Allen" <gumbear@pacbell.net>
  2) Re: R390 ground problesm
     by "Arden Allen" <gumbear@pacbell.net>
  3) RE: BOATANCHORS digest 3685
     by "Richard Humphrey" <n6nae@ix.netcom.com>
  4) Re BC-348
     by "ed" <dgnova@erols.com>
  5) Re: Electric radio article on Eldico SSB100 ???
     by "JAMES HANLON" <knjhanlon@msn.com>
  6) FS: RCA HB3 Vol 9-10 (transmitting tubes)
     by john <johnmb@nc.rr.com>
  7) Re: Re BC-348
     by "Arden Allen" <gumbear@pacbell.net>
  8) Re: R-390-non a
     by "Howard R. Weeks" <weeksh@bellsouth.net>
  9) Elmac setup
     by "Sandy W5TVW" <ebjr@i-55.com>
 10) IBOC comes to town
     by "Arden Allen" <gumbear@pacbell.net>
 11) Re: Notify
     by w5sum@glowbugs.com
 12) Re: IBOC comes to town
     by Bob Roehrig <broehrig@aurora.edu>
 13) R390 and BW5100 hamshack grounding resolved!
     by wb3fau@att.net
 14) need Lafayette HE-90 CB info; have CB-17 and 124 FS
     by ejones@hiwaay.net
 15) Military Radio Meet, Sept. 17 & 18
     by "navrad" <navrad@enter.net>
 16) Re: IBOC comes to town
     by john <johnmb@nc.rr.com>
 17) Re: R390 and BW5100 hamshack grounding resolved!
     by "Arden Allen" <gumbear@pacbell.net>
 18) Scope demodulator probe

    by "Arden Allen" <gumbear@pacbell.net>
 19) Lot of crystals...
    by "Sandy W5TVW" <ebjr@i-55.com>

Message-ID: <002801c47bd9$a5d47360$8de47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: R-390-non a
Date: Fri, 6 Aug 2004 10:20:11 -0700
MIME-Version: 1.0
Content-Type: text/plain;
    charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Russ;

> I suspect the line bypasses are quite leaky. ....

Are you sure the current is not the result of the capacitors' normal
capacitive reactance?

> ....i did not suspect my
> dedicated earth ground . Installed over 10 years ago, for the
hamshack., it is an
> independant copper plated rod driven into the earth 8 feet. I must
confess, I
> have not seen the clamp connection in 10 years, so will check it for
corrosion
> and tight connections. When i last tested it- I put a meter between
it and the
> hot side of the 120 volt AC line and measured a full 120 volts.

That is a test of no consequence because it does not take into account the
ground impedance.

> ....A quick check recently - measured 60 volts between the earth and
ground on my 120volt
> receptacle. So I suspect a bad or missing ground somewhere here?
Yes, I did
> in fact get a nice hit off the 390, as I was barefooted and tried
to turn on
> the receiver. Using a BW 5100 transmitter with it, I also get a nice
hit if I pick up
> my D104, and touch the 390. ......

GOOD LORD!!! Why isn't your D-104 at the same ground potential as ALL of

your other equipment?? The D-104, being all metal, has been responsible for more than one death, one I am familiar with (the idiot accidentally slipped and touched an 866 plate cap while holding his D-104 in the other hand).

Probably the most important principle to apply in making a radio shack safe is the UNIFIED GROUND principle. Not just some pieces of equipment, but ALL of your equipment must be hard grounded to a common ground (not to mention the necessicty for the ground to be also hard wired to the service entrance ground).

It also should be noted that 3 wire cords are not a reliable means to assure a safe ground.

Let me reiterate the issue for you. The deterioration of your ground rod is probably one of the reasons many building/electrical codes declare them illegal if not bonded to the service entrance ground. As you now see from experience, it's too late when your ground is called on to save your life or your house from a lightning strike. If you must insist on an isolated ground then at least do the 100 watt light bulb test. If a 100 watt light bulb, which only loads the ground rod by approximately one ampere, won't light to near full brightness, your ground rod has too much resistance back to the service entrance ground. Best you bond your ground rod to your service entrance ground with at least a 10 AWG copper or 8 AWG aluminum wire.

Arden Allen
KB6NAX

Message-ID: <004f01c47bdc$c4927290$8de47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: R390 ground problesm
Date: Fri, 6 Aug 2004 10:42:33 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> Arden, I doubt your line bypasses are leaky. ....

You are a very confused fellow, Jim. They're NOT my grounds with the problems. Those belong to Russ.

The screen room story illustrates very well the problem with floating grounds in a heavy metal environment.

Oh, and you too think 3 wire power cords make your radio shack safe. NOT!!!

Let me tell you a story about a failed 3 wire cord ground I personally experienced. I was at work one day and not too far from where I was working there was a loud noise and a puff of smoke came up from one of the lab scopes perched on a mobile cart. A short occured in the power outlet strip the scope was plugged into on the cart. The scope's power cord ground was WELDED to the ground contact in the outlet and the ground connection to the scope was burned open. The circuit breaker never tripped! How did this occur? The fault current was from the hot terminal in the power strip oulet to the ground terminal in the same outlet. The ground connection in the power strip's three wire power cord FAILED to carry the fault current. Instead the fault current was carried by the scope's connection via BNC cables to other equipment. Yeah, sure, 3 wire cords are real safe, ...HA!

Arden Allen
KB6NAX

Message-ID: <4120048561828397 80@ix.netcom.com>
From: "Richard Humphrey" <n6nae@ix.netcom.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: RE: BOATANCHORS digest 3685
Date: Fri, 6 Aug 2004 11:28:39 -0700
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_84815C5ABAF209EF376268C8"

------=_NextPart_84815C5ABAF209EF376268C8
Content-type: text/plain; charset=US-ASCII

RE: Grounds and tingles

Hi: I'm getting the digest version of this, so I'm missing some of the conversation. Forgive me if I'm in left field.

I've seen one or more conversations here telling of a shack 'ground rod' which is proudly used for AC 'ground'. WON'T WORK! AC safety ground has absolutely nothing whatever to do with the dirt under your house! Stop confining your thinking of ground to a 'ground rod'.

AC ground is a wire from the gear to the ground bus bar in the
breaker panel. A rod in dirt will fail to achieve the desired results
which are preventing tingles and blowing the breaker in case of a
short.

There's just too much resistance in that ground rod to work
for AC power safety. Draw out the circuit from the pole pig to your
breaker panel to the load and see why. "GROUND" must be able to carry
sufficent current to pop the breaker, and a ground rod won't do that. And
it won't keep everything at the same potential so you get tingles.

For AC safety, bond the gear together to a bus bar, then run a
wire from the bus bar to the ground/neutral bus bar in the breaker
panel.

NOTE: This 'ground' has nothing to do with 'RF ground',
which is a separate system such as a counterpoise, and it also has nothing to do
with 'lightening ground', which is another separate system.

I remember a picture in Popular Electronics decades ago
showing a satellite in earth orbit. There was a wire coming out of the
satellite going to a rod stuck in a bucket of dirt floating alongside it.
Ground is the least understood concept in electronics.
Avoid the ZOT! End of rant. As you were.

Richard

------=_NextPart_84815C5ABAF209EF376268C8
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting) *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* *

------=_NextPart_84815C5ABAF209EF376268C8--

Message-ID: <009801c47be5$f782fae0$ac042c42@default>
From: "ed" <dgnova@erols.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re BC-348
Date: Fri, 6 Aug 2004 14:48:20 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Re the 6AC7 in the BC-348:
The 6AC7 makes a poor RF stage for most applications, due to the
low input resistance. At 20mcs and above it will load down the input
tuned circuit. It is a low noise tube with plenty of gain, but as stated
above, your image rejection will go down. Also I think the filament
currant is higher than the 6SK7

From: "JAMES HANLON" <knjhanlon@msn.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Electric radio article on Eldico SSB100 ???
Date: Fri, 6 Aug 2004 14:43:11 -0600
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
Message-ID: <BAY4-DAV3E1ioWwr2UA00003bbc@hotmail.com>

John,

The SSB-100 article is in ER # 113, 9/98.

Jim

----- Original Message -----
From: "john" <johnmb@nc.rr.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Thursday, August 05, 2004 6:18 PM
Subject: Electric radio article on Eldico SSB100 ???

> Anyone know what issue this was in?
>

> Don Buskas index seems to be the latest victim of QSL net, as it refuses
> to load.
>
> Thanks for any help. I recall the article was written by fellow New
> Mexican
> Jim Hanlon (Hi Jim!)
>
> 73
> John K5MO
> >
> ---
>
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.727 / Virus Database: 482 - Release Date: 7/26/04
>

Message-Id: <3.0.3.32.20040806175938.01fecd48@pop-server.nc.rr.com>
Date: Fri, 06 Aug 2004 17:59:38 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: FS: RCA HB3 Vol 9-10 (transmitting tubes)
Mime-Version: 1.0
Content-Type: multipart/mixed; x-avg-checked=avg-ok-57A75DD8;
boundary="=======1322555D======="

--=======1322555D=======
Content-Type: text/plain; x-avg-checked=avg-ok-57A75DD8; charset=us-ascii
Content-Transfer-Encoding: 8bit

Vy nice copy of this, duplicate to my needs.

$25 plus book rate to your location.

Thank you for reading this.
John K5MO

--=======1322555D=======
Content-Type: text/plain; charset=us-ascii; x-avg=cert; x-avg-checked=avg-
ok-57A75DD8
Content-Disposition: inline

Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.727 / Virus Database: 482 - Release Date: 7/26/04

--=======1322555D=======--

Message-ID: <001301c47c01$7e9768c0$33e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Re BC-348
Date: Fri, 6 Aug 2004 15:05:26 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

How about using a 6SG7 to hot up the RF stage?

Arden

----- Original Message -----
From: "ed" <dgnova@erols.com>
To: "Old Tube Radios" <boatanchors@theporch.com>
Sent: Friday, August 06, 2004 11:48 AM
Subject: Re BC-348

> Re the 6AC7 in the BC-348:
> The 6AC7 makes a poor RF stage for most applications, due to the
> low input resistance. At 20mcs and above it will load down the input
> tuned circuit. It is a low noise tube with plenty of gain, but as stated
> above, your image rejection will go down. Also I think the filament
> currant is higher than the 6SK7
>
>

Message-ID: <00a601c47c16$e5520920$7173fea9@howard>
From: "Howard R. Weeks" <weeksh@bellsouth.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: R-390-non a
Date: Fri, 6 Aug 2004 20:37:51 -0400
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I appreciate the value of safety - can't afford not to!
However, in over 50 years of radio repair shops and ham radio,
I have never worried about grounds. Most of the time, didn't bother at all.
Neither I nor my equipment have ever suffered from it.

Common sense, when using or working around this stuff is a lot more valuable.
Been zapped many times and every case was caused by "stupidity" on my part.
Point is, there is no way that you can "stupid proof" a bunch of electrical equipment
to the point that it is "safe". If you are scared of it or not knowledgeable enough
to understand the risks, maybe you should not plug it in.

Was I lucky? Maybe - but I doubt it.

Best advice:
Don't assume anything - including safety. Be cautious - check it.
Understand the risks and why they exist (get out the books). Don't believe everything
you hear - check it out. Respect what electricity can do to you - but don't be scared of it.
A good rule when working around things that shock (with potential to kill you), keep one hand
in your pocket at all times. Never work barefooted, in water, or with wet shoes/socks (even with
one hand). Don't talk to people - or even allow them around you when you are working with
high voltage. You need to focus totally on what you are doing - not talking to them.
And don't assume that someone else is going to take care of you.

Howard Weeks
Harlem, GA

----- Original Message -----
From: Arden Allen <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Sent: Friday, August 06, 2004 1:20 PM
Subject: Re: R-390-non a

Hi Russ;

> I suspect the line bypasses are quite leaky. .....

Are you sure the current is not the result of the capacitors' normal capacitive reactance?

> .....i did not suspect my
> dedicated earth ground . Installed over 10 years ago, for the
hamshack., it is an

Message-ID: <006201c47c23$222583c0$5ba0cdd1@s0023531634>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Elmac setup
Date: Fri, 6 Aug 2004 21:05:47 -0500
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have a complete Elmac station. AF-67, PMR-7, M-1070 power
supply (kinda rare), also homebrewed intercabling/antenna relay box/
"C" battery clips (use old 9 v batteries). The power supply will work
on 120 volts AC or 12 or 6 volts DC! Uses a vibrator on DC
operation. Cosmetic condition is about a 5 or 6. Everything is
complete, no extra holes. Can supply photos.
Best 'serious' offers only! Please communicate direct with me not
via the reflectors. Last time I used it, it was working fine on CW and
the modulator delivered potent audio. (Honest injun!)
Wanted to offer it here before it goes to the "e-place"!
73,
Sandy W5TVW

Message-ID: <001b01c47c48$39622780$e0e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: IBOC comes to town
Date: Fri, 6 Aug 2004 23:31:47 -0700
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mon Amie Analogues;

Just a couple of days ago I was checking my handywork on a 1940 Philco PT-6
table radio. Delightful bit of radiana with its wooden frame loop antenna
and shiny loctal tubes. Beautiful wood variety cabinet in great shape. I
did it for a nice lady in town who couldn't find anybody who knows what a
tube is let alone how to fix a nice old radio. Well, anyway...

It was about 2 PM and I was tuning up and down the broadcast band when I happened on a loud hash on either side of our bay area 50KW "all-news" station, KCBS at 740kc. I wondered what had gone wrong in the neighborhood but after trying a couple more radios as a sanity check it dawned on me that the radios were slope detecting the quadrature phase modulation of an IBOC digital broadcast.

*&^%$#%^*{+?$"!!!, I said (plus a few more non-printing characters), IS THIS WHAT THE FUTURE IS BRINGING TO AM?? Stations awash in a sea of hash, destroying all listening pleasure for those of us who love, honor and enjoy conventional analog radio?

Google brought up some interesting comments about the subject of AM IBOC. It's clear that Ludites like myself are not happy with AM IBOC. And to illustrate the bastardized creation IBOC is, the FCC won't permint night time broadcasting because of the harmful interference to adjacent channel stations when skip propagation fills up the channel spaces across the band.

So what hath our "superior" broadcast technologists created? The Europeans, with much more crowded airwaves, have no such compunction to destroy their AM broadcast industry. They opened new frequencies and went to pure digital broadcasting as their step towards the future. Why are we so loath to use our unused frequencies to bring true "moderniztion" to broadcast technology? It makes me wonder if we aren't just fooling ourselves into thinking this is "progress."

I'm writing my congressman about this one.

Arden Allen
KB6NAX

```
------------------------------
Message-Id: <200408071337.i77DbIqZ012078@sco.theporch.com>
From: w5sum@glowbugs.com
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Notify
Date: Sat, 7 Aug 2004 09:37:21 -0400
MIME-Version: 1.0
Content-Type: multipart/mixed;
     boundary="----=_NextPart_000_0016----=_NextPart_000_0016"

This is a multi-part message in MIME format.

------=_NextPart_000_0016----=_NextPart_000_0016
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit
```

You have received an extended message. Please read the instructions.

------=_NextPart_000_0016----=_NextPart_000_0016
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting)   *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program   *
* is not set to send PLAIN TEXT ONLY and needs adjusting   *
* *

------=_NextPart_000_0016----=_NextPart_000_0016--

Date: Sat, 7 Aug 2004 10:14:49 -0500 (CDT)
From: Bob Roehrig <broehrig@aurora.edu>
To: Old Tube Radios <boatanchors@theporch.com>
cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: IBOC comes to town
Message-ID: <Pine.OSF.4.58.0408071013230.346929@mail.aurora.edu>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 6 Aug 2004, Arden Allen wrote:

> Mon Amie Analogues;
>
> So what hath our "superior" broadcast technologists created?
>
> I'm writing my congressman about this one.

And AM stereo was a big joke too. But at least it didn't clutter the band
with junk.

Bob Roehrig
Aurora University Telecom dept.
broehrig@aurora.edu 73 de K9EUI
630-844-4898 fax 630-844-4222
"Nostalgia is a thing of the past"

From: wb3fau@att.net
To: Old Tube Radios <boatanchors@theporch.com>
Subject: R390 and BW5100 hamshack grounding resolved!
Date: Sat, 07 Aug 2004 15:36:52 +0000
Message-Id:
<080720041536.28950.4114F7130008926000007116216028074 89A0E00CC0D99@att.net>

OK Arden and the gang- here are my findings- Neither cord of receiver or transmitter have polarized or 3 wire line cords- 60vac difference in potenial measured between 2 chassis using Simpson 260. - 60vac measured between dedicated ground and ground at 110 vac source. - apparant lack of ground in house wiring back to main service.

How solved- connected 110 volt ground to dedicated earth ground- Problem not solved until reversal of plug for transmitter. problem with transmitter? No voltage now exists between chassis or D104 mic. What is strange is- never got a shock off the D104 unless I touched receiver.

So, I disconnected the added wire between earth and recept. ground, and 60volts came back to chassis. there fore a bad, poor or non existing ground back to main service.

I will get a nice heavy ground wire run between main service and ham shack ground.

THANKS GUYS- Russ.

Date: Sat, 7 Aug 2004 11:49:51 -0500 (CDT)
Message-Id: <v03007804bd3a72dca0fa@[216.180.65.65]>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
To: Old Tube Radios <boatanchors@theporch.com>
From: ejones@hiwaay.net
Subject: need Lafayette HE-90 CB info; have CB-17 and 124 FS

de N4TGC Eric

I got this Laffing-at-it HE-90 in on consignment, and was intending to just hose it down and peddle it at Huntsville, when I noticed it was unusually well-made: it has 6-ch tx and rx xtal, plus 23-ch tunable rx; TV-trap; PA plate metering jack; s-meter adj; dual i.f.; runs off 6 or 12vdc and 117vac, etc. Tube-type of course, or I wouldn't be bothering ...

Anyone got the SAMS info on this? Plus, I have two leftovers in that genre: a CB-17 and CB-124 FS cheap (sold the rest of my collection long ago.)   e

---

Message-ID: <020e01c47cab$31a70de0$7e92c1d8@u4r3m2>
From: "navrad" <navrad@enter.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Military Radio Meet, Sept. 17 & 18
Date: Sat, 7 Aug 2004 14:20:17 -0400
MIME-Version: 1.0
Content-Type: multipart/alternative;
     boundary="----=_NextPart_000_020B_01C47C89.A9EF1BC0"

This is a multi-part message in MIME format.

------=_NextPart_000_020B_01C47C89.A9EF1BC0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Hi Gang!

It's that time again!
The MRCA (Military Radio Collector's Association) will hold its 4th =
annual=20
meet on Friday & Saturday September 17 & 18 at the West End
Fairgrounds in Gilbert, Pa. Again we will hold it along with the Red =
Ball
Military Vehicle Show & Swapmeet. This is a very large vehicle show with
an extensive swapmeet area.
We have the same excellent facilities that we have enjoyed during the =
past
meets held at the fairgrounds.
Along with our own swapmeet we will have radio operating activities &
presentations on military radio related subjects throughout the event.

Please visit our website at www.milradio.org for complete information.

Hope to see you there!!
73,
Steve Finelli N3NNG
navrad@enter.net

------=_NextPart_000_020B_01C47C89.A9EF1BC0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting) *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program *
* is not set to send PLAIN TEXT ONLY and needs adjusting *
* *

------=_NextPart_000_020B_01C47C89.A9EF1BC0--

Message-Id: <3.0.3.32.20040807153121.02b7ba58@pop-server.nc.rr.com>
Date: Sat, 07 Aug 2004 15:31:21 -0400
To: Old Tube Radios <boatanchors@theporch.com>
From: john <johnmb@nc.rr.com>
Subject: Re: IBOC comes to town
Mime-Version: 1.0
Content-Type: multipart/mixed; x-avg-checked=avg-ok-41D85CE4;
boundary="=======79F4664B======="

--=======79F4664B=======
Content-Type: text/plain; x-avg-checked=avg-ok-41D85CE4; charset=us-ascii
Content-Transfer-Encoding: 8bit

The station I heard in Albuquerque in AM stereo sounded darned good.
The one problem was it was a country music station!
73
John K5MO

At 10:14 AM 8/7/04 -0500, Bob Roehrig wrote:
>
>On Fri, 6 Aug 2004, Arden Allen wrote:
>
>> Mon Amie Analogues;
>>
>> So what hath our "superior" broadcast technologists created?
>>
>> I'm writing my congressman about this one.
>
>And AM stereo was a big joke too. But at least it didn't clutter the band
>with junk.
>
>
>
>   Bob Roehrig

>   Aurora University   Telecom dept.
>   broehrig@aurora.edu   73 de K9EUI
>   630-844-4898   fax 630-844-4222
>   "Nostalgia is a thing of the past"
>
>
>
>---
>
>Checked by AVG anti-virus system (http://www.grisoft.com).
>Version: 6.0.727 / Virus Database: 482 - Release Date: 7/26/04
>

--=======79F4664B=======
Content-Type: text/plain; charset=us-ascii; x-avg=cert; x-avg-checked=avg-ok-41D85CE4
Content-Disposition: inline

Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.727 / Virus Database: 482 - Release Date: 7/26/04

--=======79F4664B=======--

Message-ID: <005601c47cc2$932ee440$ede47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: R390 and BW5100 hamshack grounding resolved!
Date: Sat, 7 Aug 2004 14:07:34 -0700
MIME-Version: 1.0
Content-Type: text/plain;
     charset="Windows-1252"
Content-Transfer-Encoding: 7bit

An additional note for your benefit, Russ. If you havent' already done this, first turn off the circuit breaker to your hamshack. Then use your Simpson 260 ohmmeter to check out all of your grounding connections. Chassis to ground terminal on all 3 wire power cords, and from chassis to chassis with everything connected. From D-104 housing to chassis. Wiggle plugs in outlets to see if the contacts are reliable. Everywhere you should get ZERO ohms. Make sure the LINE, NEUTRAL and EARTH contacts on all of your hamshack receptacles are wired correctly. Your ohmmeter should measure near ZERO resistance from EARTH to NEUTRAL on each receptacle. Then when you are satisfied all of your grounds are good you can turn the circuit breaker back on.

Arden Allen
KB6NAX

Message-ID: <000d01c47ce2$8167e7a0$19e47443@KB6NAX>
From: "Arden Allen" <gumbear@pacbell.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Scope demodulator probe
Date: Sat, 7 Aug 2004 17:55:50 -0700
MIME-Version: 1.0
Content-Type: multipart/related;
     type="text/plain";
     boundary="----=_NextPart_000_0007_01C47CA7.C670F250"

This is a multi-part message in MIME format.

------=_NextPart_000_0007_01C47CA7.C670F250
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

A recent topic, here's one for the taking. ePond #3832217056

Arden Allen
KB6NAX
------=_NextPart_000_0007_01C47CA7.C670F250
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting)   *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program   *
* is not set to send PLAIN TEXT ONLY and needs adjusting   *
* *

------=_NextPart_000_0007_01C47CA7.C670F250--

Message-ID: <003501c47ceb$16a09d00$aba1cdd1@s0023531634>
From: "Sandy W5TVW" <ebjr@i-55.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Lot of crystals...
Date: Sat, 7 Aug 2004 20:57:39 -0500

MIME-Version: 1.0
Content-Type: text/plain;
     charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

123 crystals, HC-50/U size holders. From some unknown piece of equipment.

"Channel 1"= 42.70833 Mhz.
"Channel 124"=47.83333 Mhz.
The spacing between "channels" seems to be 41.6667 Khz.

These look like overtone crystals. Anyway, I offer the whole lot cheap.
Best offer over $35 plus shipping.

Trying to clear away some stuff I'll never use!

Also have a set of Low frequency crystals in FT-241 holders. A COMPLETE set in
their individual small boxes, many never opened. Channel 0 (marked 24.0 Mhz)
thru Channel 79 (marked 27.9 Mhz). All in the 400-500 Khz range or thereabouts.
Someone recently listed what frequencies were what on the reflector.
80 crystals in all. Best offer over $25 plus shipping for the lot.

73,
Sandy W5TVW

End of BOATANCHORS Digest 3686
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